

AP 10472

10/518857
DJ01 Rec'd PCT/PTO 17 DEC 2004

SUBSTITUTE DRAWINGS

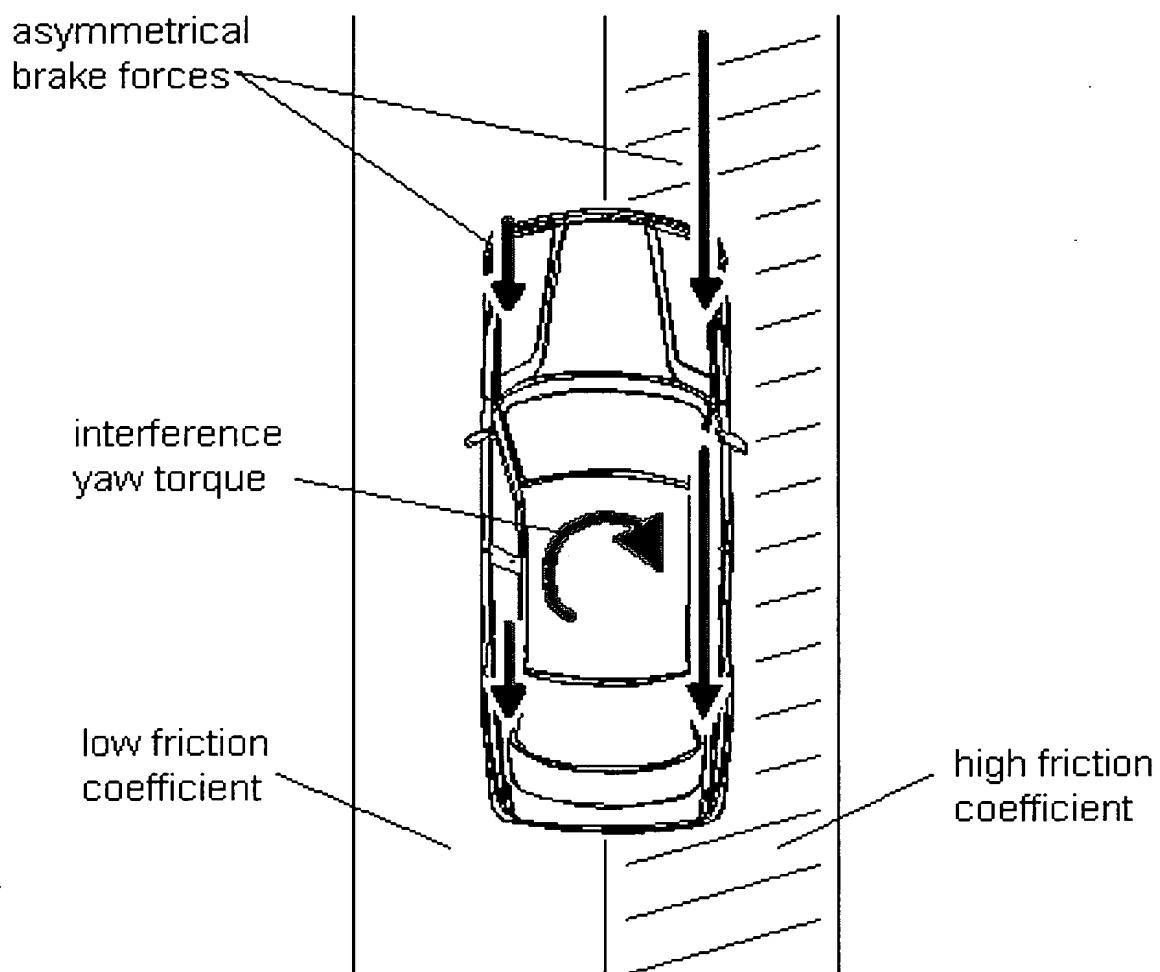


Figure 1: Asymmetrical Brake Forces and Interference Yaw Torque

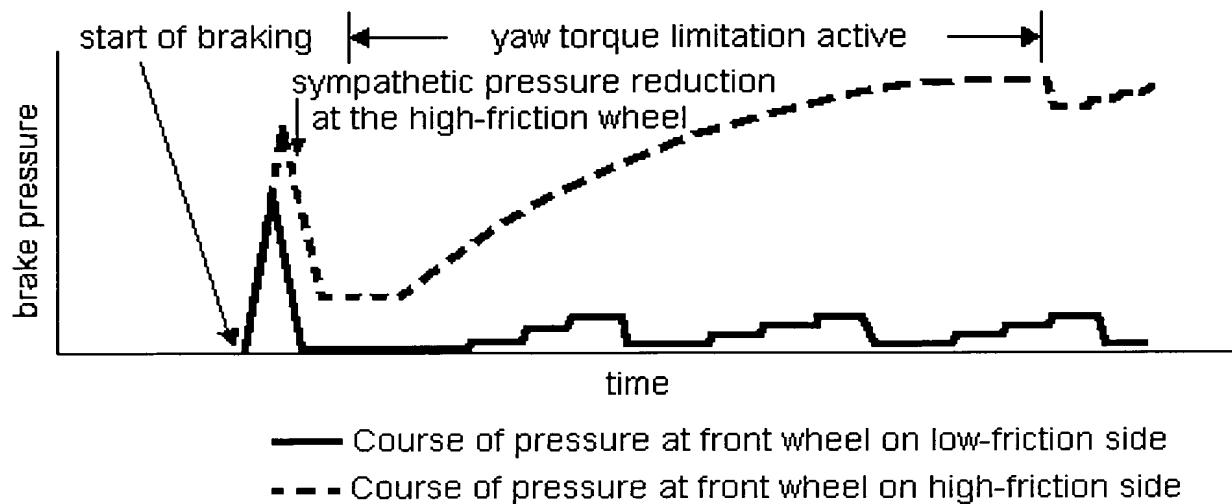


Figure 2a: Course of Pressure at Front Axle with Active Yaw Torque Limitation

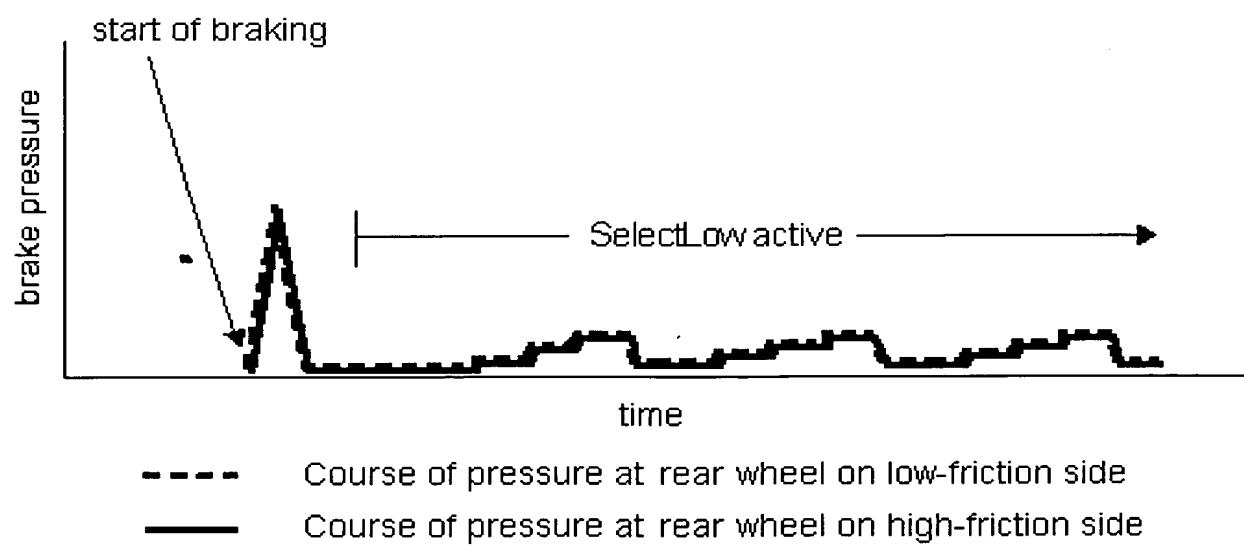


Figure 2b: Course of Pressure at Rear Axle with Active SelectLow

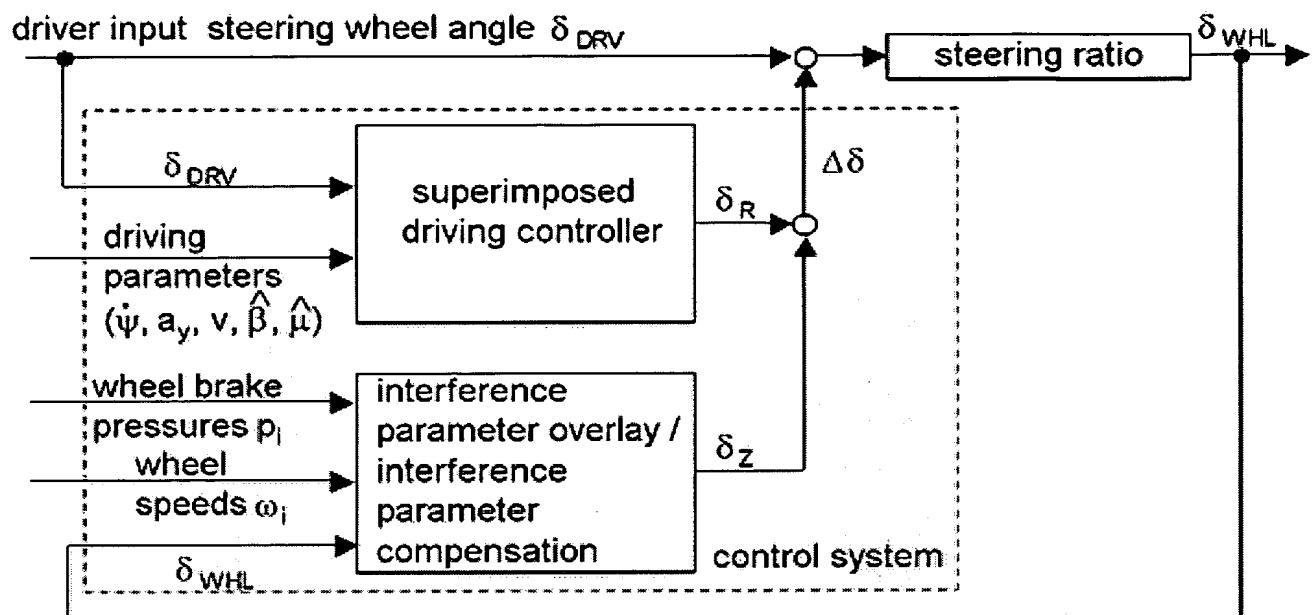


Figure 3: Block Diagram with Representation of the Control System with
Interference Parameter Overlay and Superimposed Driving Control

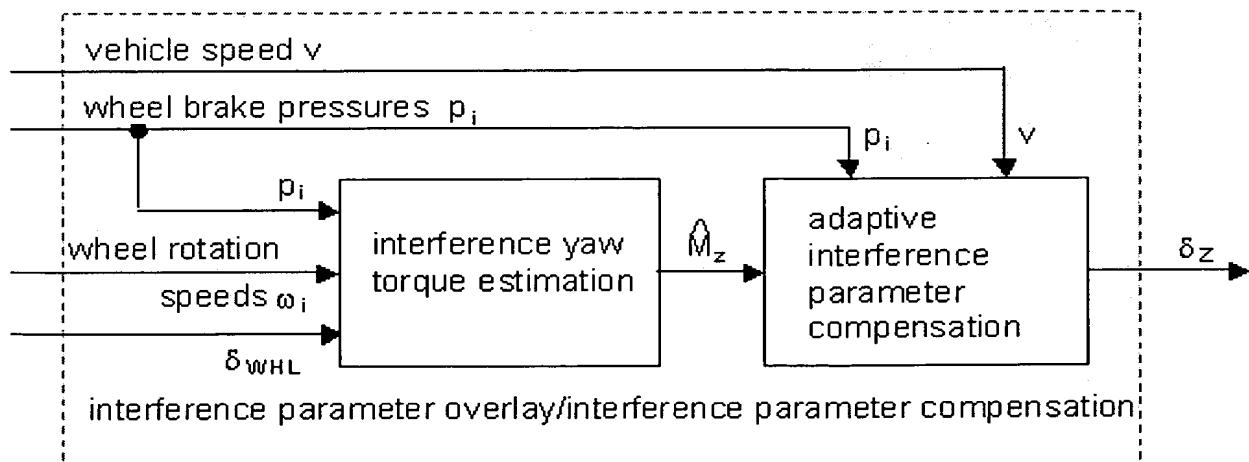


Figure 4: Interference Parameter Overlay with Estimation of the Interference
Yaw Torque

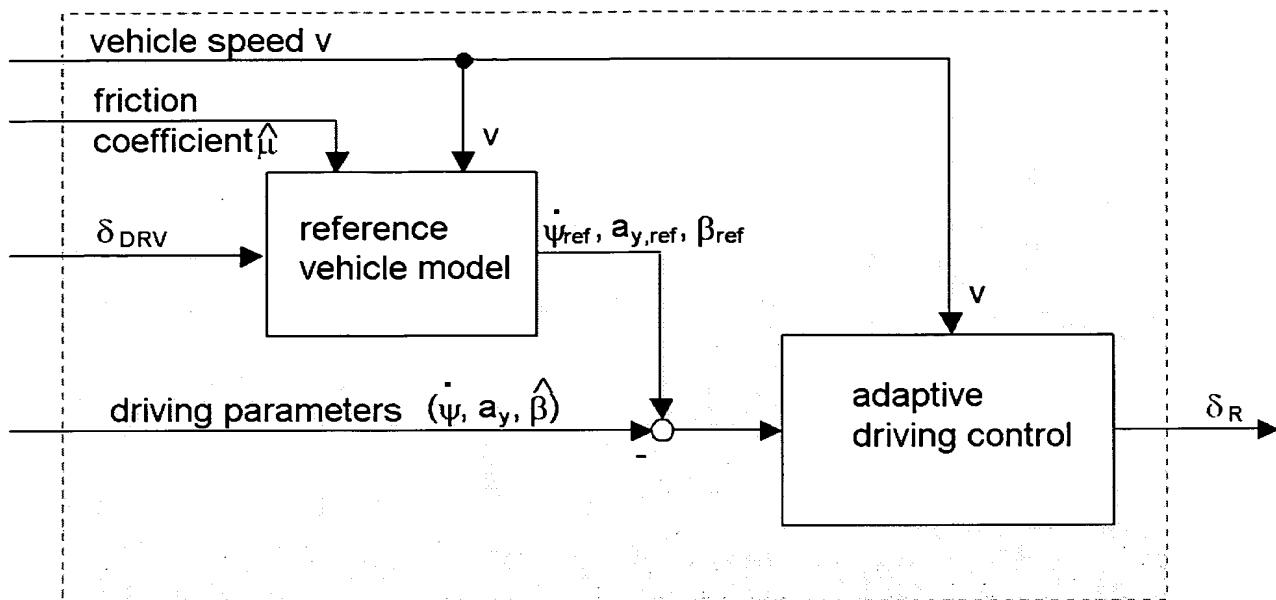


Figure 5: Superimposed Driving Control

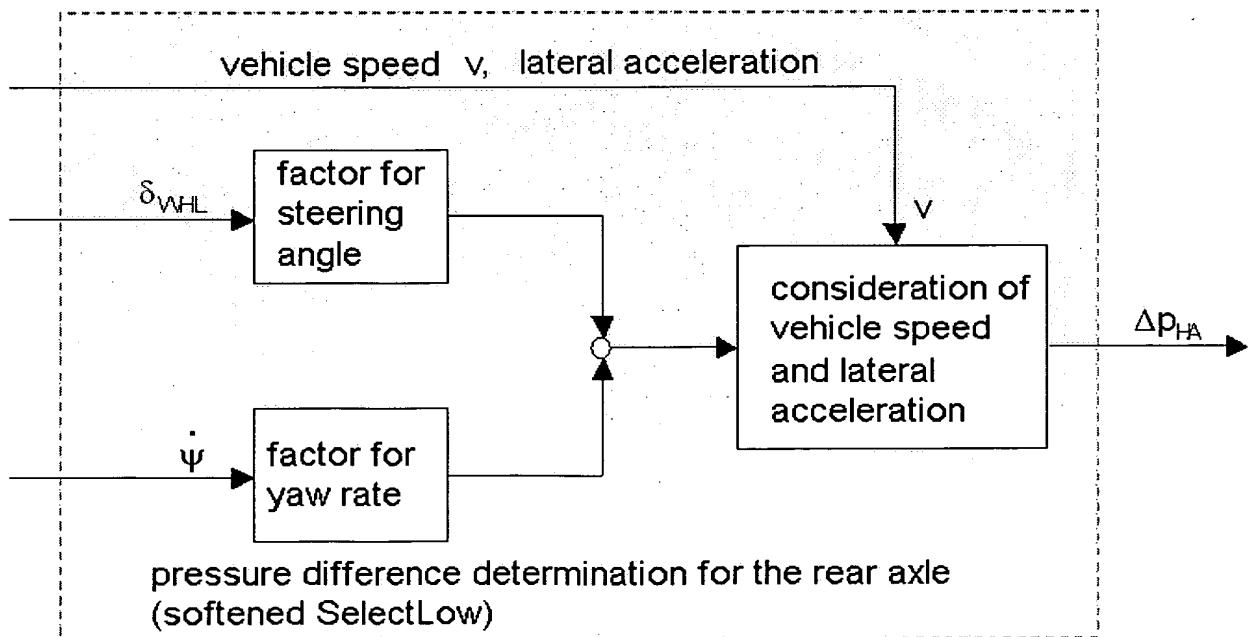


Figure 6: Determination of the Pressure Difference on the Rear Axle on the Basis of the Driving Dynamics Condition of the Vehicle

pressure maintaining phase instead
of sympathetic pressure reduction

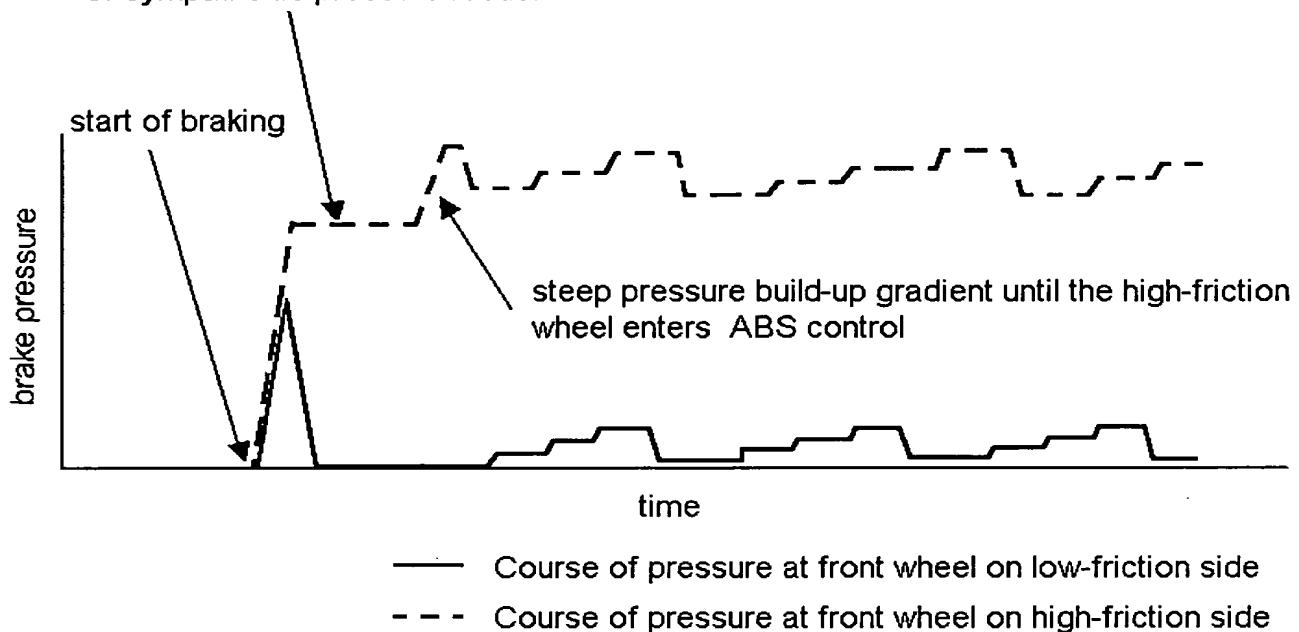


Figure 7a: Pressure Development on the Front Axle with Adapted Yaw Torque Limitation
(Possible Due to Automatic Countersteering of the Control System)

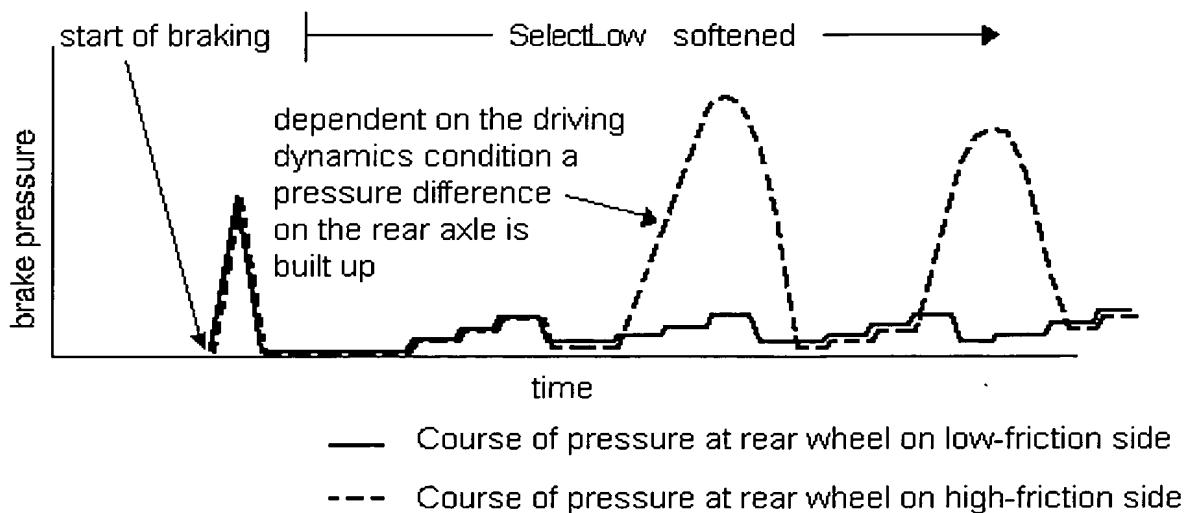


Figure 7b: Pressure Development on the Rear Axle Due to Softening of SelectLow
(Possible Due to Automatic Countersteering of the Control System)

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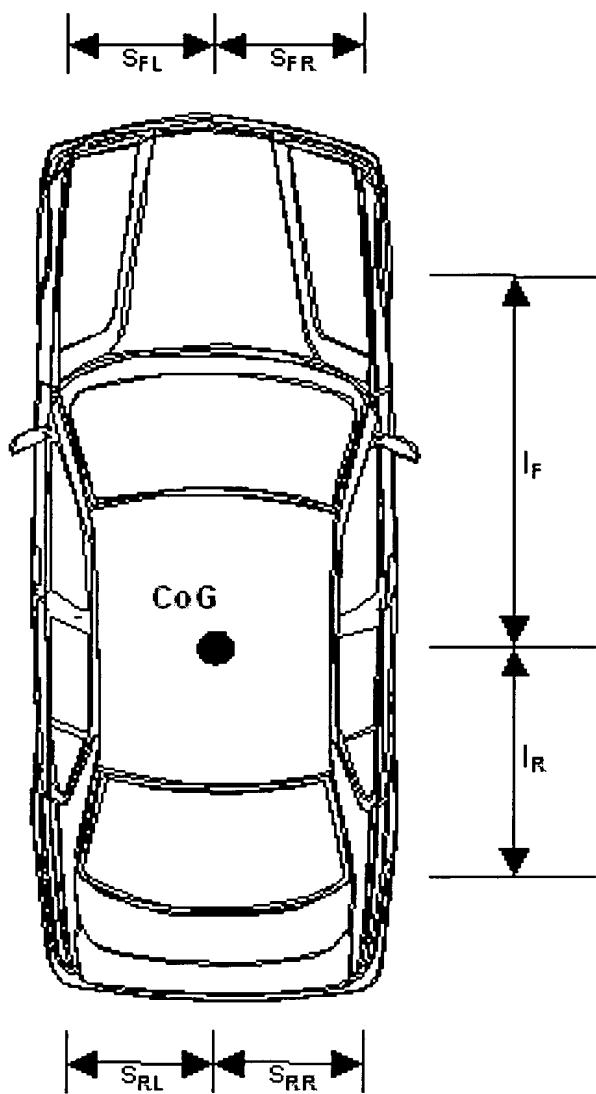


Figure 8: Vehicle Geometry

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Figure 9

ABS control cycle

